

Auxiliary Contact Blocks

Description

3RH19 Auxiliary contact blocks

The 3RH19 auxiliary contact blocks are available in 1, 2, 3 and 4-pole front mount versions and 2-pole side mount versions. See the chart below for acceptable contact configurations.

Front mount auxiliary contact blocks

The 3RH19 front mount auxiliary contacts are rated NEMA A600/Q600. They are available in 1, 2, 3 and 4-pole versions. The 3RH1911 contact blocks will mount to all 3RT1*1 contactors and all 3RH11 control relays. The 3RH1921 contact blocks will mount to all 3RT102, 3RT103, 3RT104, 3RT105, 3RT106, and 3RT107 contactors.

Front mount auxiliary contacts come in three main versions: for standard straight through wiring (HA, FA, FC, CA), cable entry from above (AA, LA), and cable entry from below (BA, MA).

The cable entry from above was designed for use on contactors that have been assembled with a 3RU overload relay. This type of auxiliary block allows the control wires to stay on the line side of the device, eliminating the need to run the wire around the overload relay.

The cable entry from below is for contactors that have been mounted to a 3RV Motor Starter Protector. This type of block allows the control wires to stay on the load side of the device, eliminating the need to run the wire around the MSP.

Side mount auxiliary contact blocks

The 3RH19 side mount auxiliary contacts are rated NEMA A300/Q300. They are available in 2-pole versions for snap-on mounting to 3RT102, 3RT103, 3RT104, 3RT105, 3RT106, and 3RT107 contactors.

The 3RH1921-1EA** units are the standard side mount contact blocks. They can mount to either the left or right hand side of the contactor.

The 3RH1921-1KA** contact blocks, on the other hand, are designed to mount to the 3RH1921-1EA** blocks on a 3RT104 contactor. By using both of these types of contact blocks, no terminal point will have the same marking.


Contactor Size	Max Number of Auxiliary Contacts TOTAL	Max Number of Normally Open Contacts	Max Number of Normally Closed Contacts	Mounting Position
3RT101	5	5 ^①	3 ^②	Front
3RT102	4	4	4	Front and Side
3RT103	4	4	4	Front and Side
3RT104	8	8	4	Front and Side
3RT105	8	4	4	Front and Side
3RT106	8	4	4	Front and Side
3RT107	8	4	4	Front and Side
3RT126/3RT127	4	2	2	Side

① With 1 NO contact built-in to contactor.

② With 1 NC contact built-in to contactor.

SIRIUS 3R Auxiliary Contact Blocks

Auxiliary Contact Blocks, NEMA A600/Q600 rated

Illustration	Auxiliary Contacts				Screw Terminals		Cage Clamp Terminals		Terminal ID Number
	NO	Early Make NC	Late Break NO	NC	Catalog No.	Price \$	Catalog No.	Price \$	
 <p>3RH1921-1FA..</p>	For 3RT1*2, 3RT1*3, 3RT1*4, 3RT1*5, 3RT1*6, and 3RT1*7 contactors, front mount version ①③								
	4-pole auxiliary contact blocks, terminals are marked with positions 1 through 4 ① acc. to EN 50 005								
	4	—	—	—	3RH1921-1FA40	40.	3RH1921-2FA40	44.	40
	3	1	—	—	3RH1921-1FA31	40.	3RH1921-2FA31	44.	31
	2	2	—	—	3RH1921-1FA22	40.	3RH1921-2FA22	44.	22
	—	4	—	—	3RH1921-1FA04	40.	3RH1921-2FA04	44.	04
	—	—	2	2	3RH1921-1FC22	54.	3RH1921-2FC22	58.	22U
	4-pole auxiliary contact blocks acc. to EN50 012								
	3	1	—	—	3RH1921-1HA31	40.	3RH1921-2HA31	44.	31
	2	2	—	—	3RH1921-1HA22	40.	3RH1921-2HA22	44.	22
	1	3	—	—	3RH1921-1HA13	40.	3RH1921-2HA13	44.	13
	1-pole auxiliary contact blocks								
	1	—	—	—	3RH1921-1CA10	10.	3RH1921-2CA10	11.	—
	—	1	—	—	3RH1921-1CA01	10.	3RH1921-2CA01	11.	—
	—	—	1	—	3RH1921-1CD10	20.	—	—	—
—	—	—	1	3RH1921-1CD01	20.	—	—	—	
2-pole, cable entry from above									
1	1	—	—	3RH1921-1LA11	20.	—	—	—	
2	—	—	—	3RH1921-1LA20	20.	—	—	—	
—	2	—	—	3RH1921-1LA02	20.	—	—	—	
2-pole, cable entry from below									
1	1	—	—	3RH1921-1MA11	20.	—	—	—	
2	—	—	—	3RH1921-1MA20	20.	—	—	—	
—	2	—	—	3RH1921-1MA02	20.	—	—	—	
4-pole (1 NO, 1 NC low level circuit; 1 NO, 1 NC standard auxiliary)									
2	2	—	—	3RH1921-1FE22	79.	3RH1921-2FE22	83.	—	
For 3RT1*2, 3RT1*3, and 3RT1*4 3RT106, 3RT107, 3RT126, and 3RT127 contactors, first side mount auxiliary contact block NEMA A300/Q300 rated									
2-pole auxiliary contact blocks, mountable on either left or right acc. to EN50 005									
2	—	—	—	3RH1921-1EA20	20.	3RH1921-2EA20	22.	—	
1	1	—	—	3RH1921-1EA11	20.	—	—	—	
—	2	—	—	3RH1921-1EA02	20.	3RH1921-2EA02	22.	—	
2-pole auxiliary contact blocks, mountable on either left or right acc. to EN 50 012									
1	1	—	—	3RH1921-1DA11	20.	3RH1921-2DA11	22.	—	
For 3RT1*4 through 3RT107 contactors, second side mount auxiliary contact block NEMA A300/Q300 rated									
2-pole auxiliary contact blocks, mountable onto a first position auxiliary on either left or right (only on 3RT104 types) acc. to EN50 005									
2	—	—	—	3RH1921-1KA20	20.	3RH1921-2KA20	22.	—	
1	1	—	—	3RH1921-1KA11	20.	—	—	—	
—	2	—	—	3RH1921-1KA02	20.	3RH1921-2KA02	22.	—	
2-pole auxiliary contact blocks, mountable onto a first position auxiliary on either left or right (only 3RT104 through 3RT107 types) acc. to EN 50 012②									
1	1	—	—	3RH1921-1JA11	20.	3RH1921-2JA11	22.	—	

① See pages 343–347 of CPCC-06000 for terminal identification numbers.

② Can only be used if no 4-pole auxiliary contact blocks are snapped onto the front.

③ Vacuum contactor use side mount auxiliary contacts only.

SIRIUS 3R Surge Suppressors

Surge Suppression

All 3RT10 contactors can be fitted with RC-elements, varistors or diode assemblies for suppressing the opening voltage surges of the coil.


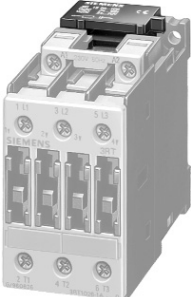
For 3RT101 contactors, the surge suppressor is plugged into the front of the device. Versions are available with and without an LED for ON indication.

For the 3RT102, 3RT103 and 3RT104 contactors, RC-elements and varistors can be plugged into either the top or bottom coil terminals.

Diode assemblies are available in two different versions: one that plugs into the top coil terminals and another that plugs into the bottom coil terminals. The polarity of the Zener-diode assembly affects the mounting position.


The opening times of the NO contacts and the closing times of the NC contacts increase when surge suppressors are connected to the contactor coils. Diode suppressors increase the operating times by 6 to 10 times. Zener-diode combinations increase the operating times by 2 to 6 times. Varistors add 2 to 5 ms to the operating time.

Surge Suppressors

Illustration	Type of Device	Rated Voltage U_s		Power Consumption of LED at U_s mW	Catalog No.	Price \$
		AC Volts	DC Volts			
 <p>3RT101 with 3RT1916-1L*00</p>  <p>3RT102 with 3RT1926-1B*00</p>	For 3RT101 contactors					
	Surge suppressors without LED					
	Varistor	24-48	24-70	—	3RT1916-1BB00	10.
		48-127	70-150	—	3RT1916-1BC00	
		127-240	150-250	—	3RT1916-1BD00	
		240-400	—	—	3RT1916-1BE00	
		400-600	—	—	3RT1916-1BF00	
	RC-element	24-48	24-70	—	3RT1916-1CB00	10.
		48-127	70-150	—	3RT1916-1CC00	
		127-240	150-250	—	3RT1916-1CD00	
		240-400	—	—	3RT1916-1CE00	
		400-600	—	—	3RT1916-1CF00	
	Suppression diode	—	12-250	—	3RT1916-1DG00	10.
	Diode assembly (Diode and Zener-diode) for DC operation, short break time	—	24-250	—	3RT1916-1EH00	12.
	Surge suppressors with LED					
	Varistor	24-48	12-24	10-120	3RT1916-1JJ00	12.
		48-127	24-70	20-470	3RT1916-1JK00	
		127-240	70-150	50-700	3RT1916-1JL00	
—		150-250	160-950	3RT1916-1JP00		
Suppression diode	—	24-70	20-470	3RT1916-1LM00	12.	
	—	70-150	50-700	3RT1916-1LN00		
	—	150-250	160-950	3RT1916-1LP00		
For 3RT102 contactors						
Surge suppressors without LED						
Varistor	24-48	24-70	—	3RT1926-1BB00	20.	
	48-127	70-150	—	3RT1926-1BC00		
	127-240	150-240	—	3RT1926-1BD00		
	240-400	—	—	3RT1926-1BE00		
	400-600	—	—	3RT1926-1BF00		
RC-element	24-48	24-70	—	3RT1926-1CB00	20.	
	48-127	70-150	—	3RT1926-1CC00		
	127-240	150-240	—	3RT1926-1CD00		
	240-400	—	—	3RT1926-1CE00		
	400-600	—	—	3RT1926-1CF00		
Diode assembly (Diode and Zener-diode)	—	24	—	3RT1926-1ER00 ^①	20.	
	—	30-250	—	3RT1926-1ES00 ^①		
	—	24	—	3RT1926-1TR00 ^②		
Diode assembly	—	30-250	—	3RT1926-1TS00 ^②		

① Mount diode assemblies to top A1 and A2 coil connections. The polarity of the Zener-diode affects the mounting location.
 ② Mount diode assemblies to bottom A1 and A2 coil connections. The polarity of the Zener-diode affects the mounting location.

SIRIUS 3R Surge Suppressors

Illustration	Type of Device	Rated Voltage U_s		Catalog No.	Price \$
		AC Volts	DC Volts		
 <p>3RT1936-1C*00</p>	For 3RT103 and 3RT104 contactors				
	Surge suppressors without LED				
	Varistor	24-48	24-70	3RT1926-1BB00	20.
		48-127	70-150	3RT1926-1BC00	
		127-240	150-240	3RT1926-1BD00	
		240-400	—	3RT1926-1BE00	
		400-600	—	3RT1926-1BF00	
	RC-element	24-48	24-70	3RT1936-1CB00	25.
		48-127	70-150	3RT1936-1CC00	
		127-240	150-240	3RT1936-1CD00	
		240-400	—	3RT1936-1CE00	
		400-600	—	3RT1936-1CF00	
	Diode assembly (Diode and Zener-diode)	—	24	3RT1936-1ER00 ^③	25.
		—	30-250	3RT1936-1ES00 ^③	
Diode assembly	—	24	3RT1936-1TR00 ^④	25.	
	—	30-250	3RT1936-1TS00 ^④		

Contactors	Type of Device	AC Volts	DC Volts	Catalog No.	Price \$
3RT1.5 3RT1.6 3RT1.7	RC element	24V - 48V	24V - 70V	3RT1956-1CB00	50.
		48V - 127V	70V - 150V	3RT1956-1CC00	50.
		127V - 240V	150V - 250V	3RT1956-1CD00	50.
		240V - 420V	-	3RT1956-1CE00	50.
		400V - 600V	-	3RT1956-1CF00	50.
3RT1.5	Load unit ^①	<= 277V	-	3RT1956-1GD00	50.
		> 277V	-	3RT1956-1GE00	50.
3RT126, 3RT127 Vacuum contactor	Attenuator module ^②	$V_e \leq 690V$	-	3RT1966-1PV3	125.
		$V_e \leq 1000V$	-	3RT1966-1PV4	180.

- ① Serves to reduce the negative effects of conductor capacity due to long AC-control wires of cable length up to 1000 ft.
- ② For the suppression of voltage surges and the protection of motor winding insulation against multiple restriking during breaking. Do not use with variable speed drives.
- ③ Mount diode assemblies to top A1 and A2 coil connections. The polarity of the Zener-diode affects the mounting location.
- ④ Mount diode assemblies to bottom A1 and A2 coil connections. The polarity of the Zener-diode affects the mounting location.

SIRIUS 3R Contactor Mountable Timing Relays

The contactor mountable timing relays are functionally similar to stand alone timing relays, but are designed to mount to the front of 3RT10 contactors to take up less mounting space in a panel. They do not necessarily need to be used to control the contactor on which they are mounted.

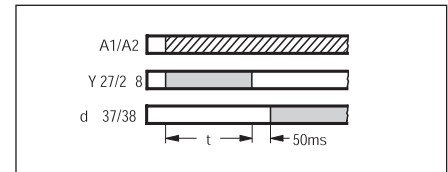
The timing relays, which are available in ON-delay and OFF-delay versions, allow time-delayed functions up to 100s in three distinct time ranges.

The timing relay with the wye-delta function is equipped with one delayed and one undelayed NO contact, with a time interval of 50 ms


between the two (see diagram). The delay time of the NO contact can be set between 1.5 s. and 30 s. The contactor on which the timing relay is mounted operates without a delay.

For 3RT101 contactors, the timing relay is plugged into the front of the contactor. The timing relay is powered by a direct plug-in parallel connection to the coil terminals A1/A2.

For 3RT102, 3RT103, and 3RT104 contactors, the timing relay is mounted to the front of the contactor. The timing relay must have power supplied to its two terminals (A1/A2)



for operation. The timing function is activated either by a parallel connection with any contactor coil or by any other power source. The OFF-delay version does not require an external power source for operation.

Illustration	Auxiliary Contacts	Rated Voltage U _e	Time Setting Range in Seconds	Catalog No.	Price \$	
 <p>3RT1916-2EL21</p>	For 3RT101 contactors					
	ON-delay, built-in varistor					
	1 NO + 1 NC timed	24V AC/DC	100–127V AC	0.05–1	3RT1916-2EJ11	95.
				0.5–10	3RT1916-2EJ21	
				5–100	3RT1916-2EJ31	
		200–240V AC	0.05–1	3RT1916-2EC11		
			0.5–10	3RT1916-2EC21		
			5–100	3RT1916-2EC31		
	OFF-delay, built-in varistor, does not require auxiliary voltage supply					
	1 NO + 1 NC timed	24V AC/DC	100–127V AC/DC	0.05–1	3RT1916-2FJ11	100.
				0.5–10	3RT1916-2FJ21	
				5–100	3RT1916-2FJ31	
		200–240V AC/DC	0.05–1	3RT1916-2FK11		
			0.5–10	3RT1916-2FK21		
			5–100	3RT1916-2FK31		
Wye-delta version, built-in varistor						
1 NO timed and 1 NO instantaneous, time interval 50 ms	24V AC/DC	1.5–30	3RT1916-2GJ51	98.		
	100–127V AC	1.5–30	3RT1916-2GC51			
	200–240V AC	1.5–30	3RT1916-2GD51			
For 3RT102, 3RT103, 3RT104, 3RT1.5, 3RT1.6, and 3RT1.7 Contactors^①						
ON-delay						
1 NO + 1 NC timed	24V AC/DC	100–127V AC	0.05–1	3RT1926-2EJ11	95.	
			0.5–10	3RT1926-2EJ21		
			5–100	3RT1926-2EJ31		
	200–240V AC	0.05–1	3RT1926-2EC11			
		0.5–10	3RT1926-2EC21			
		5–100	3RT1926-2EC31			
OFF-delay, does not require auxiliary voltage supply						
1 NO + 1 NC timed	24V AC/DC	100–127V AC/DC	0.05–1	3RT1926-2FJ11	100.	
			0.5–10	3RT1926-2FJ21		
			5–100	3RT1926-2FJ31		
	200–240V AC/DC	0.05–1	3RT1926-2FK11			
		0.5–10	3RT1926-2FK21			
		5–100	3RT1926-2FK31			
Wye-delta version						
1 NO timed and 1 NO instantaneous, time interval 50 ms	24V AC/DC	1.5–30	3RT1926-2GJ51	98.		
	100–127V AC	1.5–30	3RT1926-2GC51			
	200–240V AC	1.5–30	3RT1926-2GD51			

① 3RT126 and 3RT127 vacuum contactors cannot accept front mounted accessories.

SIRIUS 3R Contactor Timing Modules

The contactor timing modules are used in conjunction with the 3RT10 contactors to delay the operation of the contactors after an ON-delay or an OFF-delay, depending on the module version. Time-delayed functions of up to 100 seconds in three distinct time ranges are allowed. Contactors fitted with a timing module will open or close after a delay according to the set time.

The ON-delay version of the timing module is connected in series with the contactor coil.

Connect the power source to terminal A1 of the timing module.

The OFF-delay version, the contactor coil is powered by the timing module. Connect your coil power source to terminals A1/A2 of the timing module.


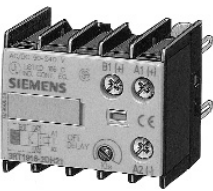


The timing modules are suitable for both AC and DC operation.

For 3RT101 contactors, the timing module is plugged into the front of the contactor. By doing this, the timing module is connected

by plug-in contacts to contactor coil terminals A1/A2. A varistor is built into the timing module to suppress any opening surges in the contactor coil.

For 3RT102, 3RT103, and 3RT104 contactors, the timing module is attached to coil terminals A1/A2 on top of the contactor. The timing module is connected both electrically and mechanically by means of pins.








Contactor timing modules

Illustration	Rated Voltage U_s	Time Setting Range in Seconds	Catalog No.	Price \$	Packaging Units
 <p>3RT1916-2CH11</p>  <p>3RT1916-2DH21</p>	For 3RT101 contactors, module plugs into the front of the contactor ON-delay, built-in varistor				
	24–66V AC/DC	0.05–1	3RT1916-2CG11	79.	1
		0.5–10	3RT1916-2CG21		
		5–100	3RT1916-2CG31		
	90–240V AC/DC	0.05–1	3RT1916-2CH11		
		0.5–10	3RT1916-2CH21		
		5–100	3RT1916-2CH31		
	OFF-delay, built-in varistor, requires auxiliary voltage supply				
	24–66V AC/DC	0.05–1	3RT1916-2DG11	90.	1
		0.5–10	3RT1916-2DG21		
		5–100	3RT1916-2DG31		
	90–240V AC/DC	0.05–1	3RT1916-2DH11		
0.5–10		3RT1916-2DH21			
5–100		3RT1916-2DH31			
For 3RT102, 3RT103, and 3RT104 contactors, module attaches to coil terminals on top of the contactor ON-delay, built-in varistor					
 <p>3RT1926-2CH11</p>  <p>3RT1926-2DH11</p>	24–66V AC/DC ①	0.05–1	3RT1926-2CG11	79.	1
		0.5–10	3RT1926-2CG21		
		5–100	3RT1926-2CG31		
	90–240V AC/DC	0.05–1	3RT1926-2CH11		
		0.5–10	3RT1926-2CH21		
		5–100	3RT1926-2CH31		
	OFF-delay, built-in varistor, requires auxiliary voltage supply				
	24–66V AC/DC ①	0.05–1	3RT1926-2DG11	90.	1
		0.5–10	3RT1926-2DG21		
		5–100	3RT1926-2DG31		
	90–240V AC/DC	0.05–1	3RT1926-2DH11		
		0.5–10	3RT1926-2DH21		
5–100		3RT1926-2DH31			

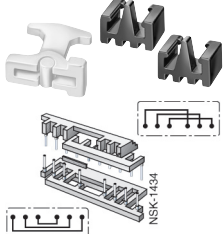
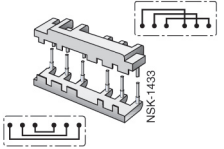
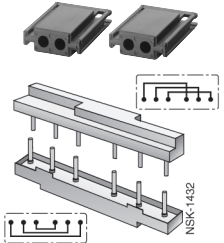
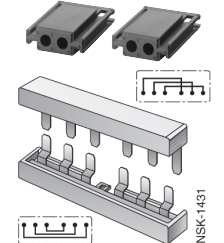
① Not to be used for 3RT104* contactors with $U_s \leq 42V$

SIRIUS 3R Contactor Accessories

Accessories

Illustration	For Contactor Sizes	Description	Catalog No.	Price \$	Packaging Units
 3RH1924-1GP11	3RT102 3RT103 3RT104	PLC Interface Module for mounting onto contactor coil terminals. With LED and varistor. Coil voltage tolerance: 17–30V DC. Coil rating: 0.5W at 24V DC	3RH1924-1GP11	69.	1
 3RT1926-1GT00	3RT102 3RT103 3RT104	User Interface Yellow LED for ON indication. Mounts in place of masking strip and wires to coil terminals. 24–240V AC/DC polarized.	3RT1926-1GT00	60.	5
 3RT1916-4KA1	3RT101	Solder Pin Interface Kit for Contactor for mounting 3RT101 contactor to printed circuit board. 10 pin solder connection.	3RT1916-4KA1	35.	1
 3RT1916-4KA2	3RT101	Solder Pin Interface Kit for Contactor for mounting 3RT101 contactor with a mounted 4-pole auxiliary contact block. 18-pin solder connection.	3RT1916-4KA2	65.	1
 3RT1916-1PA	3RT101	EMC Interface Suppression Module			1
		RC Element			
		400 V	3RT1916-1PA1	130.	
		575 V	3RT1916-1PA2	130.	
		690 V	3RT1916-1PA3	130.	
		Varistor			
400 V	3RT1916-1PB1	130.	1		
575 V	3RT1916-1PB2	130.			
690 V	3RT1916-1PB3	130.			
 3RT1946-4EA2	3RT103	Terminal Cover for Box Terminal Additional shock-hazard protection for mounting onto the box terminals (two units required per contactor)	3RT1936-4EA2	7	1
	3RT104		3RT1946-4EA2	9	1
	3RT1.5		3RT1956-4EA2	25.	1
	3RT1.6 3RT1.7		3RT1966-4EA2	35.	1
	3RT104, 3RT144 3RT1.5	Terminal cover for cable lug and bar connection (between contactor and overload) For complying with the phase clearances and as shock-hazard protection in case of a distant box terminal (two units per contactor)	3RT1946-4EA1	14.	1
	3RT1.6, 3RT1.7		3RT1956-4EA1	25.	1
			3RT1966-4EA1	35.	1
 3RT1946-4F	3RT104	Auxiliary Conductor Terminal, 3-pole For connecting auxiliary and control leads to the main conductor terminals (for one side).	3RT1946-4F	15.	1

3RA Reversing Contactor Assemblies

	For Contactor Type	Description	Part No.	Price \$
Installation Kits for making 3-Pole Reversing Contactors				
 <p>3RA19 13-2A</p>	3RT101	The installation kit contains: <ul style="list-style-type: none"> • Mechanical interlock • Two connecting clips for two contactors • Wiring connections for the top and bottom 	3RA19 13-2A	18.
 <p>3RA19 23-2A</p>	3RT102	The installation kit contains: <ul style="list-style-type: none"> • Wiring connections for top and bottom 	3RA19 23-2A	20.
 <p>3RA19 33-2A</p>	3RT103	The installation kit contains: <ul style="list-style-type: none"> • Two connecting clips for two contactors • Wiring connector for the top and bottom 	3RA19 33-2A	50.
 <p>3RA19 43-2A</p>	3RT104	The installation kit contains: <ul style="list-style-type: none"> • Two connecting clips for two contactors • Wiring connections for the top and bottom 	3RA19 43-2A	75.
	3RT105	The installation kit contains: <ul style="list-style-type: none"> • Wiring connections for the top and bottom 	3RA1953-2A	235.
	3RT106		3RA1963-2A	335.
	3RT107		3RA1973-2A	435.

SIRIUS 3R Mechanical Interlocks, Terminals, Baseplates

Accessories for assembling contactor combinations

Illustration	For Contactor Sizes	Description	Catalog No.	Price \$	Packaging Units
Links for paralleling terminals, 3-pole (can be reduced by one pole)					
 <p>3RT1924-1A</p>	3RT101 3RT102 3RT103 3RT104	Without terminal	3RT1916-4BA31 3RT1926-4BA31 3RT1936-4BA31 3RT1946-4BA31	5. 6. 10. 14.	1
	3RT101 3RT101, 4-Pole 3RT102 3RT103 3RT104	With terminal	3RT1916-4BB31 3RT1916-4BB41 3RT1926-4BB31 3RT1936-4BB31 3RT1946-4BB31	12. 15. 15. 25. 28.	1
	3RT1.5 3RT1.6 3RT1.7	Without terminal	3RT1956-4BA31 3RT1966-4BA31	26. 44.	1
Mechanical interlock for reversing contactors					
 <p>3RT1954-2A</p>	3RT102, 3RT103, 3RT104	Mechanical interlock for reversing starter. Side mountable with 1 NC aux. contact built-in for each contactor. Only contactors of different sizes with a maximum of one size position difference can be combined. For this, the mounting depth of the smaller contactor has to be adapted.	3RA1924-2B	40.	1
	3RT102, 3RT103, 3RT104	Mechanical interlock for reversing starter. Front mountable on contactors of equal depths.	3RA1924-1A	28.	1
	3RT1*5, 3RT1*6, 3RT1*7	Mechanical interlock	3RA1954-2A	40.	1
Mechanical links for reversing contactors^①					
 <p>3RA1912-2H</p>	3RT101	Side mountable. For 4-pole contactors. Distance 0mm.	3RA1912-2H	75.	10
 <p>3RA1922-2C</p>	3RT102	Mountable on front. For 3- and 4-pole contactors. Distance 0mm.	3RA1922-2C	65.	20
 <p>3RA1932-2C</p>	3RT103 3RT104	Mountable on front. For 3-pole contactors. Distance 0mm.	3RA1932-2C	35.	20
 <p>3RA1932-2D</p>	3RT103 3RT104	Side mountable. For 3-pole contactors. Distance 10mm.	3RA1932-2D	40.	20
 <p>3RA1932-2G</p>	3RT103	Side mountable. For 4-pole contactors. Distance 10mm.	3RA1932-2G	75.	20
 <p>3RA1942-2G</p>	3RT104	Side mountable. For 4-pole contactors. Distance 10mm.	3RA1942-2G	75.	20

① A side-mount mechanical interlock creates a 10 mm distance between the contactors.
A front-mount mechanical interlock creates a 0 mm distance between the contactors.

SIRIUS 3R Wye-Delta Contactor Kits

Maximum HP ratings for open transition wye-delta ①				Line Contactor (K1)	Delta Contactor (K3)	Wye (Shorting) Contactor (K2)	Wiring Kit	Price \$	Mechanical	Price \$	Base Plate	Price \$
200V	230V	460V	575V						Interlock			
3	3	7.5	10	3RT1015	3RT1015	3RT1015	3RA1913-2B ②	20.	-	-	-	-
3	5	10	10	3RT1016	3RT1016	3RT1015	3RA1913-2B ②	20.	-	-	-	-
5	5	15	15	3RT1017	3RT1017	3RT1015	3RA1913-2B ②	20.	-	-	-	-
7.5	10	20	25	3RT1025	3RT1025	3RT1023	3RA1923-2B ③	25.	3RA1924-2B	40.	-	-
10	15	30	40	3RT1026	3RT1026	3RT1025	3RA1923-2B ③	25.	3RA1924-2B	40.	-	-
15	15	30	40	3RT1034	3RT1034	3RT1026	3RA1933-2C ④	38.	-	-	3RA1932-2B	45.
15	20	40	50	3RT1034	3RT1034	3RT1033	3RT1933-2B ④	46.	3RA1924-2B	40.	3RT1932-2B	45.
20	25	50	60	3RT1035	3RT1035	3RT1033	3RT1933-2B ④	46.	3RA1924-2B	40.	3RT1932-2B	45.
25	30	60	15	3RT1036	3RT1036	3RT1033	3RT1933-2B ④	46.	3RA1924-2B	40.	3RT1932-2B	45.
30	40	75	100	3RT1044	3RT1044	3RT1044	3RT1943-2B ④	54.	3RA1924-2B	40.	3RT1942-2B	59.
40	50	100	125	3RT1045	3RT1045	3RT1044	3RT1943-2B ④	54.	3RA1924-2B	40.	3RT1942-2B	59.
50	60	125	150	3RT1046	3RT1046	3RT1044	3RT1943-2B ④	54.	3RA1924-2B	40.	3RT1942-2B	59.
50	60	125	150	3RT1054	3RT1054	3RT1036	-	-	3RA1954-2A	40.	-	-
75	75	150	200	3RT1054	3RT1054	3RT1044	-	-	3RA1954-2A	40.	3RA1952-2E	165.
75	100	200	250	3RT1056	3RT1056	3RT1054	3RA1953-2B ⑥	145.	3RA1954-2A	40.	3RA1952-2F	165.
100	125	250	350	3RT1064	3RT1064	3RT1054	-	-	3RA1954-2A	40.	3RA1962-2E	195.
150	150	350	450	3RT1065	3RT1065	3RT1056	-	-	3RA1954-2A	40.	3RA1962-2F	195.
150	200	550	700	3RT1075	3RT1075	3RT1064	-	-	3RA1954-2A	40.	3RA1972-2E	216.
-	-	700	850	3RT1076	3RT1076	3RT1064	-	-	3RA1954-2A	40.	3RA1972-2F	216.

To be ordered separately ⑤ : Individual contactors
 Overload relays for motor protection
 Snap on wye-delta timer, 3RT19*6-2G** ⑤
 or laterally mountable wye-delta timer, 3RP1574-1N*30 ⑥
 Push in lugs, 3RP1903, for screw mounting the 3RP1574 timer
 Front mount NO & NC auxiliary contacts ⑤
 Mechanical interlock
 Optional base plate to simplify screw panel mounting

- ① K1 and K3 are rated for 58% of the motor FLA. K2 is rated at 33% of the motor FLA
- ② Kit contains: Mechanical interlock, three connecting clips and wiring connectors on the top and bottom
- ③ Kit contains: Connecting clips and wiring connectors on the top and bottom
- ④ Kit contains: Connecting clips and wiring connectors on the bottom
- ⑤ See CPCC 06000 for main and control circuit connections
- ⑥ Kit contains: Wiring connectors on the bottom and the parallel link kit for the K2 contactor.